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NASA TELEVISION SCHEDULE  
 STS-116 / ISS 12A.1  
 P5 TRUSS/ISS POWER RECONFIGURATION/P6 ARRAY RETRACTION  
 REV H  
 12/21/06

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NASA Television is carried on an MPEG-2 digital signal accessed via satellite AMC-6, at 72 degrees west longitude, transponder 17C, 4040 MHz, vertical polarization. A Digital Video Broadcast (DVB) - compliant Integrated Receiver Decoder (IRD) with modulation of QPSK/DBV, data rate of 36.86 and FEC 3/4 will be needed for reception. NASA mission coverage will be simulcast digitally on the Public Services Channel (Channel #101); the Education Channel (Channel #102) and the Media Services Channel (Channel #103). Further information is available at: <http://www1.nasa.gov/multimedia/nasatv/digital.html>. Mission Audio can be accessed on AMC-6, Transponder 13, 3971.3 MHz, horizontal polarization.

Launch occurred at 7:47pm CST on Saturday, December 9, 2006.

**ALL TIMES SUBJECT TO CHANGE**

This TV schedule is available via the Internet. The address is [http://www.nasa.gov/multimedia/nasatv/mission\\_schedule.html](http://www.nasa.gov/multimedia/nasatv/mission_schedule.html)

<u>ORBIT</u>	<u>SUBJECT</u>	<u>SITE</u>	<u>MET</u>	<u>CST</u>	<u>EST</u>	<u>GMT</u>	<u>MOSCOW</u>
<b>THURSDAY, DECEMBER 21</b>							
<b>FD 13</b>							
192	DISCOVERY CREW SLEEP BEGINS (ends FD 13)		12/ 02:30	10:17 PM	11:17 PM	04:17	07:17
192	FLIGHT DAY 13 HIGHLIGHTS (replayed during crew sleep)	JSC	12/ 03:13	11:00 PM	12:00 AM	05:00	08:00
<b>FRIDAY, DECEMBER 22</b>							
<b>FD 14</b>							
193	POST-MMT / MISSION STATUS BRIEFING REPLAY	JSC	12/ 04:13	12:00 AM	01:00 AM	06:00	09:00
197	DISCOVERY CREW WAKE UP (begins FD 14)		12/ 10:30	06:17 AM	07:17 AM	12:17	15:17
198	VIDEO FILE	HQ	12/ 12:13	08:00 AM	09:00 AM	14:00	17:00
199	DEORBIT PREPARATIONS BEGIN		12/ 14:05	09:52 AM	10:52 AM	15:52	18:52
200	PAYLOAD BAY DOOR CLOSING		12/ 15:26	11:13 AM	12:13 PM	17:13	20:13
202	DEORBIT BURN		12/ 18:02	01:49 PM	02:49 PM	19:49	22:49

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202	C-BAND RADAR ACQUISITION OF DISCOVERY THROUGH MILA		12/	18:56	02:43 PM	03:43 PM	20:43	23:43
203	KSC LANDING	KSC	12/	19:09	02:56 PM	03:56 PM	20:56	23:56
203	* 1ST EDWARDS AFB, CA OPPORTUNITY DEORBIT BURN	EDW	12/	19:32	03:19 PM	04:19 PM	21:19	00:19
203	* 1ST WHITE SANDS, NM OPPORTUNITY DEORBIT BURN	WSTF	12/	19:33	03:20 PM	04:20 PM	21:20	00:20
203	* 2ND KSC OPPORTUNITY DEORBIT BURN	KSC	12/	19:39	03:26 PM	04:26 PM	21:26	00:26
203	* 1ST EDWARDS AFB, CA OPPORTUNITY LANDING	EDW	12/	20:40	04:27 PM	05:27 PM	22:27	01:27
203	* 1ST WHITE SANDS, NM OPPORTUNITY LANDING	WSTF	12/	20:40	04:27 PM	05:27 PM	22:27	01:27
203	* 2nd KSC OPPORTUNITY LANDING	KSC	12/	20:45	04:32 PM	05:32 PM	22:32	01:32
204	* 2ND EDWARDS AFB, CA OPPORTUNITY DEORBIT BURN	EDW	12/	21:07	04:54 PM	05:54 PM	22:54	01:54
204	* 2ND WHITE SANDS, NM OPPORTUNITY DEORBIT BURN	WSTF	12/	21:10	04:57 PM	05:57 PM	22:57	01:57
204	* 2ND EDWARDS AFB, CA OPPORTUNITY LANDING	EDW	12/	22:13	06:00 PM	07:00 PM	00:00	03:00
203	* 2ND WHITE SANDS, NM OPPORTUNITY LANDING	WSTF	12/	22:15	06:02 PM	07:02 PM	00:02	03:02
205	* 3RD EDWARDS AFB, CA OPPORTUNITY DEORBIT BURN	EDW	12/	22:45	06:32 PM	07:32 PM	00:32	03:32
205	* 3RD EDWARDS AFB, CA OPPORTUNITY LANDING	EDW	12/	23:49	07:36 PM	08:36 PM	01:36	04:36
	POST-LANDING NEWS CONFERENCE	KSC			NET L+2 HRS.			
	ENTRY FLIGHT CONTROL TEAM VIDEO REPLAY	JSC			NET L+3 HRS.			

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	STS-116 HIGHLIGHTS VIDEO REPLAY	JSC		NET L+3 HRS.			
	STS-116 CREW NEWS CONFERENCE (CDR + Available Crew Members)	KSC		NET L+6 HRS.			
	VIDEO B-ROLL OF REITER IN CREW QUARTERS (pending availability)	KSC		NET L+6 HRS.			

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# **DEFINITION OF TERMS**

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ANDE: Atmospheric Neutral Density Experiment  
 AMC: AMERICOM satellite  
 BGA: Beta Gimbal Assembly  
 BSP: Baseband Signal Processor  
 CST: Central Standard Time  
 CETA: Crew Equipment Thermal Control System  
 Destiny: U.S. Laboratory on ISS  
 EATCS: External Active Thermal Control System  
 EST: Eastern Standard Time  
 EDW: Edwards Air Force Base, CA  
 EMU: Extravehicular Mobility Unit  
 ESA: European Space Agency  
 EVA: Extravehicular Activity  
 EWIS: External Wireless Instrumentation System  
 FCS: Flight Control System  
 FD: Flight Day  
 GMT: Greenwich Mean Time  
 HQ: NASA Headquarters  
 ISS: International Space Station  
 JSC: Johnson Space Center  
 KSC: Kennedy Space Center  
 L: Launch or Landing Time  
 MBS: Mobile Base System  
 MECO: Main Engine Cut-off  
 MEPSI: Micro-Electromechanical System-Based PICO Satellite Inspector  
 MET: Mission Elapsed Time, which begins at the moment of launch and is read: DAYS/HOURS:MINUTES. LAUNCH=00/00:00  
 MISSE: Materials International Space Station Experiment  
 MMT: Mission Management Team  
 MS: Mission Specialist  
 MT: Mobile Transporter  
 NET: No Earlier Than  
 NH3: Ammonia  
 OBSS: Orbiter Boom Sensor System  
 ODS: Orbiter Docking System  
 OMS: Orbital Maneuvering System  
 P1: Port One Truss Segment  
 P3/P4 ITS: Port Three & Four Integrated Truss Segment  
 P5: Port Five Truss Spacer  
 P6: Port Six Truss Segment  
 PAO: Public Affairs Office  
 PVR: Photovoltaic Radiator

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QUEST:	United States Airlock						
RAFT:	Radar Fence Transponder						
RCS:	Reaction Control System						
RMS:	Remote Manipulator System						
RPM:	Rendezvous Pitch Maneuver						
S1:	Starboard One Truss Segment						
SABB:	Solar Array Blanket Box						
SARJ:	Solar Alpha Rotary Joint						
SASA:	S-band Antenna Subassembly System on ISS						
SSRMS:	Canadarm 2 ISS Robotic Arm						
STS:	Space Transportation System						
TI:	Terminal Initiation Rendezvous Maneuver						
TDRE, W:	Tracking and Data Relay Satellite, East and West Longitudes						
VTR:	Videotape Recorder						
WLE:	Wing Leading Edge						
WSTF:	White Sands Test Facility, NM						
WVS:	Wireless Video System						